

Amendment to the Specification:

On pages 10-11, please replace the paragraph [0042] under the heading “BRIEF DESCRIPTION OF THE DRAWINGS” with the following amended paragraph:

[0042] In the drawings, like reference characters generally refer to the same parts throughout the different views. Also, the drawings are not necessarily to scale, emphasis instead generally being placed upon illustrating the principles of the invention. In the following description, various embodiments of the present invention are described with reference to the following drawings, in which:

FIG. 1 depicts a schematic cross-sectional view of a semiconductor substrate with semiconductor layers formed thereon according to one embodiment of the invention;

FIG. 2 depicts a graph of germanium concentration in different layers of the semiconductor structure of FIG. 1 plotted versus a schematic representation of its cross-sectional view, according to one version of the embodiment of FIG. 1;

FIG. 3 depicts a table containing qualitative evaluation of DPD for seed layers of different thickness and germanium content according to various embodiments of the invention;

FIG. 4 depicts a graph of germanium concentration in different layers of the semiconductor structure of FIG. 1 plotted versus a schematic representation of its cross-sectional view according to another version of the embodiment of FIG. 1; ~~and~~

FIG. 5 depicts a graph of germanium concentration in different layers of the semiconductor structure according to an alternative embodiment of the invention; and

FIG. 6 depicts a schematic cross-sectional view of a CMOS device based on the semiconductor structure of FIG. 1.